

**Gefen**

# **DVI Detective**

**USER MANUAL**



**[www.gefen.com](http://www.gefen.com)**

## **ASKING FOR ASSISTANCE**

---

**Technical Support:**

Telephone	(818) 772-9100
	(800) 545-6900
Fax	(818) 772-9120

**Technical Support Hours:**

8:00 AM to 5:00 PM Monday thru Friday.

**Write To:**

Gefen Inc.  
C/O Customer Service  
20600 Nordhoff St.  
Chatsworth, CA 91311

[support@gefen.com](mailto:support@gefen.com)  
[www.gefen.com](http://www.gefen.com)

**Notice**

Gefen Inc. reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

**The DVI Detective** is a trademark of Gefen Inc.

© 2008 Gefen Inc., All Rights Reserved

## **TABLE OF CONTENTS**

---

- 1** Introduction
- 2** Features
- 3** Panel Layout
- 4** Connecting and Operating the DVI Detective
- 5** Write Protecting the DVI Detective
- 6** Specifications
- 7** Warranty

## **INTRODUCTION**

---

The DVI Detective is a unique and useful little device that reads and stores a computer's digital video information (EDID) in order to simplify the installation process for users who are extending a digital projector or plasma display away from the computer.

Once installed and connected, the DVI Detective continually transmits the EDID to the computer, essentially "tricking" the computer into thinking that the video is present, even when it is not connected. The user can then disconnect the display, place it in a remote location and reconnect it, without rebooting the operating system. The entire installation process benefits from the DVI Detective, which utilizes a much smaller cable that requires fewer connections; it makes life easier for those extending digital displays or projectors. An inconspicuous device that weighs less than one pound. The Detective can connect to a DVI port or ADC port with the use of an adapter. It works with all digital displays (DVI) as well as Apple's line of flat panel displays (ADC). Even analog display EDID's can be used with the DVI Detective by using VGA to DVI adapters on the input and output ports of the DVI Detective.

## **FEATURES**

---

### **Features**

- No power required after initial programming
- Keeps computer systems from deactivating inactive DVI ports
- Maintains highest Single Link and Dual Link resolutions
- Works with all digital and analog displays
- Installs in seconds

### **Includes:**

- (1) DVI Detective
- (1) 1' DVI cable (m-m)
- (1) 5VDC Power Supply
- (1) User's Manual

## PANEL LAYOUT

---

### Front Panel



### Back Panel



## **CONNECTING AND OPERATING THE DVI DETECTIVE**

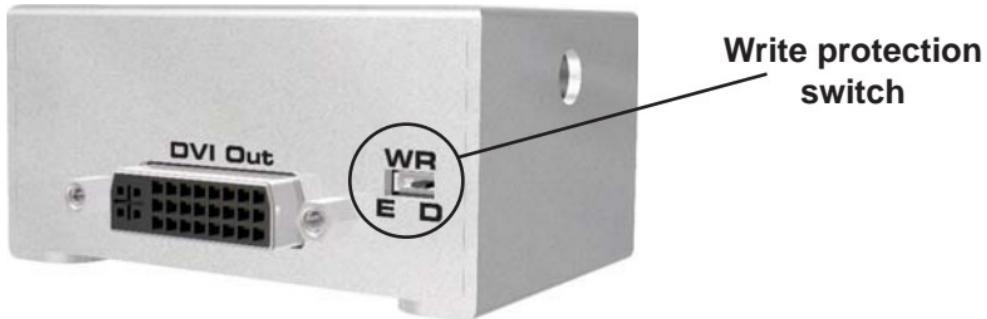
---

1. Before proceeding, please ensure that the write protect switch is in the E (write enabled) position. Please see the diagram on the next page.
2. Connect your display to the DVI Out port on the DVI Detective.
3. Plug the supplied 5V DC power supply into the DVI Detective. The power LED should be glowing solid.
4. Once you are ready to program the EDID, press the Program button on the front panel of the DVI Detective to initiate the recording sequence. The power LED will begin to flash, and when it turns solid again, the programming sequence is complete.
5. Remove the 5V DC power supply from the DVI Detective. At this time, it is recommended that you write protect the DVI Detective. Please see the next page for instructions on this procedure.
6. Connect your source to the DVI In port on the DVI Detective.

Note: If using a PC, restart your computer only after you've made all the connections.

## WRITE PROTECTING THE DVI DETECTIVE

---



Once the DVI Detective is programmed and working, you can write protect the unit to prevent an accidental overwrite. This is done by simply moving the write protect switch to the D (write disabled) position. By default, the unit is shipped in the E (write enabled) position. This is done so that the unit is ready to be programmed right out of the box. Whenever the unit is going to be programmed, make sure that the switch is in the "E" position, otherwise the procedure will fail.

## SPECIFICATIONS

---

Video Amplifier Bandwidth .....	165 MHz
Input Video Signal .....	1.2 volts p-p
Input DDC Signal .....	5 volts p-p (TTL)
Maximum Single Link Range .....	1920 x 1200 x 60hz
DVI Input/Output Connector Type .....	DVI-I
Power Consumption .....	5 Watts (max.)
Power Supply .....	5VDC
Dimensions .....	2"W x 1.7"H x 1.75"D
Shipping Weight .....	2 Lbs

## **WARRANTY**

---

Gefen Inc. warrants the equipment it manufactures to be free from defects in material and workmanship.

If equipment fails because of such defects and Gefen Inc. is notified within two (2) year from the date of shipment, Gefen Inc. will, at its option, repair or replace the equipment, provided that the equipment has not been subjected to mechanical, electrical, or other abuse or modifications. The two year warranty is only valid on new products purchased as of January 2007. All products purchased before this date still retain their 1 year warranty.

Equipment that fails under conditions other than those covered will be repaired at the current price of parts and labor in effect at the time of repair. Such repairs are warranted for ninety (90) days from the day of reshipment to the Buyer.

This warranty is in lieu of all other warranties expressed or implied, including without limitation, any implied warranty or merchantability or fitness for any particular purpose, all of which are expressly disclaimed.

1. Proof of sale may be required in order to claim warranty.
2. Customers outside the US are responsible for shipping charges to and from Gefen.
3. Copper cables are limited to a 30 day warranty and cables must be in their original condition.

The information in this manual has been carefully checked and is believed to be accurate. However, Gefen Inc. assumes no responsibility for any inaccuracies that may be contained in this manual. In no event will Gefen Inc., be liable for direct, indirect, special, incidental, or consequential damages resulting from any defect or omission in this manual, even if advised of the possibility of such damages. The technical information contained herein regarding the DVI Detective features and specifications is subject to change without notice.

\* ma - DVI - EDI DN \*

**20600 Nordhoff Street . Chatsworth CA 91311**  
**1.800.545.6900 818.772.9100 fax: 818.772.9120**  
**[www.gefen.com](http://www.gefen.com) support@gefen.com**